### () ATMOSPHERIC ELECTRICITY.

AURORAS.
Auroras were reported as follows: 6th, Eastport and Orono, Me.; Cambridge, Mass.; Pine River, Minn.; Fort Assinaboine, Mont.; Turin, N. Y.; Webster, S. Dak. 7th, Orono, Me. 14th, Philo, Ill.; in Ohio. 16th, Philo, Ill.; East Machias, Me. 18th, Saint Vincent, Minn.; East Sound, Wash. 19th, East Machias and Orono, Me.; East Sound, Wash. 22d, Morgantown, W. Va. 25th, Corner Stone, Ark. 28th, Woodbridge, N. Dak. 29th, Angola, Ind. 30th, in Colorado.

() THUNDERSTORMS. Description of the more severe thunderstorms reported for

the month is given under "Local storms."

Thunderstorms were reported as follows: East of the Rocky Mountains they were reported in the greatest number of states, 21st; in 6 on the 28th; in 5 on the 9th, 15th, 17th, and 20th; Wyoming on the 30th. In states and territories other than in 4 on the 10th, 12th, and 26th; in 3 on the 3d, 5th, and 27th; those named no thunderstorms were reported.

in 2 on the 11th, 13th, and 14th; and in 1 on the 1st, 2d, and 29th. No thunderstorms were reported on the 18th, 19th, 24th, and 30th.

East of the Rocky Mountains thunderstorms were reported on the greatest number of dates, 13, in Kansas; on 12 in Arkansas and Missouri; on 10 in Mississippi; on 8 in Louisiana; on 7 in Tennessee; on 6 in Illinois and Texas; on 5 in Indiana, Iowa, and Kentucky; on 4 in New York, Ohio, and Pennsylvania; on 3 in Alabama and Wisconsin; on 2 in Florida, Georgia, Michigan, Nebraska, and South Carolina; and on 1 in Connecticut, District of Columbia, Maryland, Massachusetts, Minnesota, New Hampshire, New Jersey, North Carolina, Virginia, and West Virginia.

West of the Rocky Mountains thunderstorms were reported 13, on the 8th; in 12 on the 22d and 23d; in 10 on the 7th in California on the 30th; in Colorado on the 7th; in Oregon and 8th; in 9 on the 16th; in 8 on the 6th; in 7 on the on the 6th; in Washington on the 6th and 29th; and in

# MISCELLANEOUS PHENOMENA.

# I DROUGHT.

Drought continued in New Hampshire; wells were failing; streams were very low; and many mills and factories were compelled to suspend operations. On the 16th and 17th rain fell in the Croton Lake watershed, averting a water famine in New York City. At the close of the month the drought was becoming very severe in the interior of South Carolina. In parts of the Gulf States, Tennessee, and Kentucky the drought was broken by rains of the 8th to 10th. At New Orleans, La., it was broken on the 18th. At El Paso, Tex., trace, only, of rainfall occurred, and the month was the driest November since 1879. Drought continued in Arizona, and in some localities cattle were perishing. In parts of Indian Territory water was scarce on the ranges, and wells were failing. In Arkansas the drought was broken on the 1st. The month was very dry in Lamar and Coosa counties, Ala., near Chattanooga, Tenn., in parts of western Missouri. At Dubuque, Iowa, the drought and in Carter county, Ky., during the first decade of the was broken on the 7th. The early part of the month was dry month.

in southern Illinois and southern Indiana. Drought was reported throughout the month in parts of east-central and northwestern Wisconsin. The month was very dry in sections of southern Kansas.

### PRAIRIE AND FOREST FIRES.

Prairie fires were reported east and northwest of Fort Assinaboine, Mont, on the 7th. Destructive prairie fires were reported in various sections of southern and western Kansas in the early part of the month. Extensive prairie fires occurred in Oklahoma and Indian territories the latter part of the month.

Forest fires occurred between Wilton and New Canaan. Fairfield county, Conn., the early part of the month. They were also reported in Rockland and Wright counties, N. Y.,

#### STATE WEATHER SERVICES.

[Temperature in degrees Fahrenheit; precipitation, including melted snow, in inches and hundredths.]

The following extracts and summaries are republished from reports for November, 1891, of the directors of the various state weather services:

# ALABAMA.

Temperature.—The mean was about normal; maximum, 90, at Brewton, 6th; minimum, 12, at Auburn, 30th; greatest monthly range, 71, at Florence; least monthly range, 32, at Chepultepec.

Precipitation.—The average was 1.22 below the normal; greatest monthly 9.30, at Brewton; least monthly, 2.48, at Oxanna.

Wind .- Prevailing direction, northwest-P. H. Mell, Observer, Weather Bureau, Auburn, director.

# OARIZONA.

Temperature. - Maximum, 98, at Arizona Canal Company's Dam, 4th; minimum, 11, at Holbrook, 4th; greatest monthly range, 63, at Arizona Canal Company's Dam and Phoenix; least monthly range, 30, at Eagle Pass. Precipitation.—Rainfall occurred at 5 stations only; greatest monthly, 0.08, at Natural Bridge.

Wind .- Prevailing direction, west .- J. C. Hayden, Observer, Weather Bureau, Tucson, director.

# ARKANSAS.

Temperature.—The mean was 1.0 below the normal; maximum, 87, at Monticello, 6th, and at Texarkana, 9th; minimum, 10, at Black Rock, 30th, and at Harrisburgh, 29th; greatest monthly range, 69, at Keesees Ferry; least monthly range, 52, at Winslow.

Precipitation.—The average was 1.13 above the normal; greatest monthly,

10.03, at Osceola; least monthly, 0.95, at Paragould.

Wind.—Prevailing direction, north.—M. F. Locke, Commissioner of Agriculture, Little Rock, director; F. H. Clarke, Observer, Weather Bureaus

# CALIFORNIA.

The month was unusually dry.

Temperature. - Maximum, 94, at Winchester, 5th; minimum, 18, at Jackson, 15th and 18th; greatest monthly range, 63, at Winchester; least monthly range, 32, at Berkeley.

Wind.—Prevailing direction, northwest.—J. A. Barwick, Observer,

Weather Bureau, Sacramento, director.

#### COLORADO.

Temperature.—The mean was 2.2 above the normal; maximum, 84, at Lamar and Thon, 5th; minimum, -12, at Breckenridge, 20th; greatest

monthly range, 93, at Crook; least monthly range, 52, at Monte Vista.

Precipitation.—The average was 0.15 below the normal; greatest monthly, 6.70, at Climax; least monthly, 0.00, at a number of stations.

Wind.—Prevailing direction, west.—W. S. Miller, Observer, Weather Bu-

reau, Denver, director.

7 FLORIDA.
Temperature.—Maximum, 88, at Archer, 1st and 29th; minimum, 27, at Tallahassee, 30th; greatest monthly range, 54, at Tallahassee; least monthly range, 20, at Key West.

Precipitation.—Greatest monthly, 3.88, at Pensacola; least monthly, 0.70. at Archer.

Wind .- Prevailing direction, northeast .- E. R. Demain, Observer, Weather Bureau, Jacksonville, director.

GEORGIA.

Temperature.—The mean was from 2.0 to 3.0 below the normal; maximum, 88, at Thomasville, 8d; minimum, 17, at Marietta, 18th, and at Newnan, 30th; greatest monthly range, 61, at Elberton, Fort Gaines, Millen, and Thomasville; least monthly range, 45, at Monticello.

Precipitation.—The average was 0.75? below the normal; greatest monthly, 499 at Toccool, least northly, 0.69 at Happible.

4.99, at Toccoa; least monthly, 0.62, at Hepzibah.

Wind .- Prevailing direction, northeast .- Park Morrill, Observer, Weather Bureau, Atlanta, director.

ILLINOIS.

Temperature.—The mean was 2.8 below the normal of the last 16 years; maximum, 75, at Martinsville, 15th; minimum, -11, at Oswego, 29th, and was the lowest minimum on record for November.

Precipitation.—The average was 2.22 above the normal; greatest monthly, 10.92, at Olney; least monthly, 3.61, at Martinsville.

Wind.—Prevailing direction, northwest.—John Craig, Observer, Weather Bureau, Springfield, director.

VINDIANA.

Temperature.—Maximum, 73, at Marengo, 15th; minimum, —1, at La Fayette, 29th; greatest monthly range, 65, at La Fayette; least monthly range, 51, at Columbia City.

Precipitation.—Greatest monthly, 8.20, at Point Isabel; least monthly,

1.28, at Valparaiso.

Wind.—Prevailing direction, south.—Prof. H. A. Huston, La Fayette, director; C. F. R. Wappenhans, Observer, Weather Bureau, assistant.

IOWA WEATHER AND CROP SERVICE.

The month was the coldest November in the last 10 years.

Temperature.—The attan was 6.0 above the normal; maximum, 84, at Glenwood, 6th; minimum, —24, at Larrabee and Sanborn, 28th; greatest monthly range, 88, at Galva and Sanborn; least monthly range, 57, at Fort Madison.

Precipitation.—The average was 0.30 below the normal; greatest monthly,

8.64, at Maquoketa; least monthly, 0.06, at Glenwood.

Wind.—Prevailing direction, northwest.—J. R. Sage, Des Moines, director; G. M. Chappel, Observer, Weather Bureau, assistant.

KANSAS.

Temperature.—The mean was 1.4 below the normal; maximum, 87, at Columbus and Kellogg, 6th; minimum, —10, at McAllaster, 16th; greatest monthly range, 90, at McAllaster; least monthly range, 67, at Altoona.

Precipitation.—The average was 0.96 below the normal; greatest monthly,

2.96, at Columbus; least monthly, 0.00, at several stations in the northern

part of the state.

Wind.—Prevailing direction, north.—Prof. J. T. Lovewell, Topeka, director; T. B. Jennings, Observer, Weather Bureau, assistant.

**U**KENTUCKY.

Temperature.—The mean was 5.0 below the normal; maximum, 75, at Harrodsburgh, 9th, and at Earlington, 15th; minimum, 10, at Harrodsburgh, 30th, and Shelbyville, 18th; greatest monthly range, 65, at Harrodsburgh; least monthly range, 54, at Richmond.

Precipitation.—The average was 2.00 above the normal; greatest monthly, 10.01, at Central City; least monthly, 3.75, at Caddo.

Wind.—Prevailing direction, southeast.—Frank Burke, Observer, Weather

Wind.—Frevaning Bureau, Louisville, director, Louisville, director,

Temperature.—The mean was 1.9 above the normal; maximum, 90, at Liberty Hill, 5th; minimum, 13, at Winnsborough, 29th; greatest monthly range, 74, at Winnsborough; least monthly range, 37, at Port Eads.

Precipitation.—The average was 1.12 above the normal; greatest monthly,

11.14, at Cheneyville; least monthly, 3.29, at Luling.

Wind.—Prevailing direction, southeast.—George E. Hunt, Observer, Weather Bureau, New Orleans, director.

MARYLAND.

Temperature. - Maximum, 75, at Mount Saint Marys, 1st; minimum, 10, at Darlington and Kirkwood, Del., 30th; greatest monthly range, 63, at Mount Saint Marys; least monthly range, 44, at Jewell and Leonardtown.

Precipitation.—Greatest monthly, 2.92, at Cumberland; least monthly,

1.33, at Baltimore.

Wind.—Prevailing direction, northwest.—Dr. William B. Clark, Johns Hopkins University, Baltimore, director; Prof. Milton Whitney, Maryland Agricultural College, secretary and treasurer; C. P. Cronk, Observer, Weather Bureau, in charge.

MICHIGAN.

Temperature.—The mean was 3.2 below the normal of the last 16 years;

maximum, 66, at Grape, 9th; minimum, —5, at Adrian, 30th.

Precipitation.—The average was 2.20 above the normal; greatest monthly, 7.33, at Bellaire; least monthly, 2.34, at Escanaba.—N. B. Conger, Observer, Weather Bureau, Detroit, director.

70. at Mankato, 1st; minimum, -27, at Morris, 28th; greatest monthly range, 91, at Montevideo; least monthly range, 56, at Duluth.

Precipitation.—In the extreme western part of the state the precipitation was about normal, elsewhere it was deficient; greatest monthly, 1.05, at

Farmington; least monthly, 0.40, at Mankato.

Wind.—Prevailing direction, northwest.—J. H. Harmon, Observer, Weather Bureau, Minneapolis, director.

U MISSISSIPPI.

Temperature.—The mean was 0.1 below the normal; maximum, 91, at Washington, 21st; minimum, 16, at University, 30th; greatest monthly range, 71, at Vaiden; least monthly range, 49, at Bay Saint Louis.

Precipitation.—The average was 1.87 above the normal; greatest monthly, 10.30, at Natchez; least monthly, 2.42, at Waynesborough.

Wind .- Prevailing direction, north .- R. B. Fulton, Observer, Weather Bureau, University, director.

MONTANA.

Temperature.—Maximum, 75, at Powder River, 5th; minimum, —19, at Powder River, 12th.

Precipitation.—The average was above the normal; greatest monthly, 2.14, at Camp Poplar River; least monthly, 0.12, at Virginia City.—E. J. Glass, Observer, Weuther Bureau, Helena, director.

NEBRASKA.

Temperature.—Maximum, 88, at Superior and Imperial, 4th; minimum, —22, at Fort Niobrara, 17th; greatest monthly range, 97, at Fort Niobrara; least monthly range, 65, at Fairfield.

Precipitation.—Greatest monthly, 1.21, at Hay Springs; least monthly,

0.00, at several stations.

Wind .- Prevailing direction, northwest .- Prof. Goodwin D. Swezey, Crete, director; G. A. Loveland, Observer, Weather Bureau, assistant.

#### ti NEVADA.

Temperature.—The mean was 1.0 above the normal; maximum, 81, at

Eureka, 5th; minimum, -2, at Elko, 16th.

Precipitation.—The average was about 0.50 below the normal; greatest monthly, 0.72, at Lewers Ranch; no rain fell south of the 39th parallel.— Prof. Charles W. Friend, Carson City, director; F. A. Carpenter, Observer, Weather Bureau, assistant.

# NEW ENGLAND METEOROLOGICAL SOCIETY.

Temperature.—The mean was 0.1 above the normal; maximum, 68, at Adams and Milton, 11th, at Lake Cochituate, 12th, and at Taunton (d) and Olneyville, 17th; minimum, -14, at Northfield, 30th; greatest monthly range, 78, at West Milan; least monthly range, 36, at Nantucket.

Precipitation.—The average was 1.36 below the normal; greatest monthly,

6.07, at Savoy; least monthly, 1.02, at Nantucket.

Wind.—Prevailing direction, northwest.—Prof. William H. Niles, Boston, Mass., president; Prof. Winslow Upton, Providence, R. I., secretary; J. Warren Smith, Observer, Weather Bureau, assistant.

() NEW JERSEY.

Temperature.—The mean was 2.0 below the normal; maximum, 79, at Ocean City, 12th; minimum, 6, at Hanover, 30th; greatest monthly range, 68, at Ocean City; least monthly range, 46, at Atlantic City.

Precipitation.—The average was 1.03 below the normal; greatest monthly,

3.47, at Dover; least monthly, 1.54, at Elizabeth.

Wind.—Prevailing direction, northwest.—E. W. McGann, Observer, Weather Bureau, New Brunswick, director.

#### NEW MEXICO.

Temperature. - Maximum, 86, at Folsom, 3d; minimum, -10, at Coolidge, 26th; greatest monthly range, 77, at Folsom; least monthly range, 49, at Santa Fé.

Precipitation.—Greatest monthly, 0.25, at Folsom; least monthly, 0.00, at a number of stations.

Wind .- Prevailing direction, west .- H. B. Hersey, Observer, Weather Bureau, Santa Fé, director.

NEW YORK.

Temperature.—The mean was 0.4 above the normal; maximum, 74, at Peekskill, 6th; minimum, -9, at Number Four, 30th; greatest monthly range, 75, at Canton; least monthly range, 44, at Columbus.

Precipitation.—The average was 0.64 below the normal; greatest monthly,

7.03, at Turin; least monthly, 1.20, at Hammondsport.
Wind.—Prevailing direction, south—Prof. E. A. Fuertes, Dean of the College of Civil Engineering, Cornell University, Ithaca, director; R. M. Hardinge, Observer, Weather Bureau, assistant.

#### NORTH CAROLINA.

Temperature.—The meen was 3.5 below the normal; maximum, 80, at Chapel Hill, 2d; minimum, 5, at Linville, 18th; greatest monthly range, 67, at Chapel Hill and Saxon; least monthly range, 39, at Hatteras.

Precipitation.—The average was 0.45 below the normal; greatest monthly,

10.79, at Linville; least monthly, 0.77, at New Berne.

MINNESOTA.

Wind.—Prevailing direction, north.—Dr. Herbert B. Battle, Raleigh, director; C. F. von Herrmann, Observer, Weather Bureau, assistant.

NORTH DAKOTA.

NORTH DAKOTA.

Temperature.—The mean was 5.0 below the normal; maximum, 71, at Dickinson, 5th; minimum, —35, at Woodbridge, 28th; greatest monthly range, 99, at Woodbridge; least monthly range, 70, at Saint John.

-The average was 0.28 above the normal; greatest monthly, Precipitation .-1.44, at Saint John and Fort Buford; least monthly, 0.34, at Ellendale.

Wind.—Prevailing direction, northwest.—W. H. Fallon, Observer, Weather

Bureau, Bismarck, director.

onio.

Temperature.—The mean was 1.0 below the normal; maximum, 76, at Portsmouth and Waverly, 10th; minimum, 0 (zero), at Montpelier, 29th; greatest monthly range, 68, at Weymouth; least monthly, range, 47, at Green-

Precipitation.—The average was 1.77 above the normal; greatest monthly,

7.38, at Elyria; least monthly, 1.54, at Pomeroy.

Wind.—Prevailing direction, southwest.—Prof. B. F. Thomas, Columbus, director; C. M. Strong, Observer, Weather Bureau, secretary and assistant.

OREGON.

An unusual number of cloudy days prevailed, and rains in the Willamette

Valley interfered with plowing and seeding.

Temperature.—The mean was 2.6 above the normal; maximum, 79, at East Portland, 6th; minimum, 1, at Canyon City, 26th; greatest monthly range, 66, at Canyon City; least monthly range, 27, at Newport.

Precipitation.—The average was 1.70 above the normal; greatest monthly,

15.18, at Astoria; least monthly, 0.66, at Grass Valley.

Wind.—Prevailing direction, south.—Hon. H. E. Hayes, Master State
Grange, Portland, director; B. S. Pague, Observer, Weather Bureau, asst.

PENNSYLVANIA.

Temperature.—The mean was 2.0 above the normal; maximum, 76, at Pittsburg, 9th; minimum, 6, at Dyberry, 30th; greatest monthly range, 66, at Ligonier; least monthly range, 36, at Selins Grove.

Precipitation.—The average was 0.87 below the normal; greatest monthly,

5.70, at Columbus; least monthly, 1.09, at Lancaster.

Wind.—Prevailing direction, northwest.—Under direction of the Franklin Institute, Philadelphia; L. M. Dey, Observer, Weather Bureau, assistant.

SOUTH CAROLINA.

Temperature. - Maximum, 82, at Greenville and Saint Matthews, 1st, and Evergreen, 2d; minimum, 15, at Greenville, 22d.

Precipitation.—Greatest monthly, 5.25, at Walhalla; least monthly, 0.43,

at Conway.

Wind.—Prevailing direction, northeast.—A. P. Butler, Observer, Weather Bureau, Columbia, director.

SOUTH DAKOTA.

Forest City, 5th; minimum, -34, at Castlewood, 28th; greatest monthly range, 101, at Webster; least monthly range, 65, at Parker.

Precipitation.—The average was 0.16 below the normal; greatest monthly,

2.39, at Webster; least monthly, 0.17, at Rapid City

Wind .- Prevailing direction, northwest .- S. W. Glenn, Observer, Weather Bureau, Huron, director.

# CTENNESSEE WEATHER CROP SERVICE.

Temperature.—The mean was 0.6 below the normal; maximum, 80, at Bolivar, 1st, and at Savannah, 16th; minimum, 10, at Hohenwald, 30th; greatest monthly range, 65, at Lynnville; least monthly range, 48, at Florence Station.

Precipitation.—The average was 1.46 above the normal; greatest monthly,

11.45, at Dyersburgh; least monthly, 1.09, at Newport.

Wind.—Prevailing direction, south.—J. B. Marbury, Observer, Weather Bureau, Nashville, director.

TEXAS.

Temperature.—The mean as normal; maximum, 93, at Arlington, 6th; minimum, 6, at Hansford, 17th; greatest monthly range, 80, at Arlington; least monthly range, 42, at Liberty.

Precipitation.—The average was 1.00 below the normal; greatest monthly, 4.61, at Houston; least monthly, 0.00, at Haskell.

Wind.—Prevailing direction, southeast.—D. D. Bryan, Galveston, director; I. M. Cline, Observer, Weather Bureau, assistant.

Temperature. - Maximum, 80, at Saint George; minimum, 6, at Deseret, 17th; greatest monthly range, 68, at Deseret; least monthly range, 40, at Castle Gate.

Precipitation.—Greatest monthly, 0.90, at Salt Lake City; least monthly, 0.00. at a number of stations.—G. N. Salisbury, Observer, Weather Bureau, Salt Lake City, director.

VIRGINIA.

Temperature.—Maximum, 79, at Richmond, 1st; minimum, 3, at Lexington, 30th; greatest monthly range, 71, at Richmond; least monthly range, 43, at Cape Charles.

Precipitation.—Greatest monthly, 3.49, at Big Stone Gap; least monthly,

1.15, at Marion.

Wind.—Prevailing direction, northwest.—Dr. E. A. Craighill, Lynch-burgh, director; J. N. Ryker, Observer, Weather Bureau, assistant.

WASHINGTON.

Temperature.—The mean was 2.1 above the normal; maximum, 76, at Walla Walla, 4th; minimum, 2, at Baker City, Oregon, 16th.

Precipitation.—The average was 3.97 above the normal; greatest monthly,

23.06, at Neah Bay; least monthly, 0.65, at North Yakima.

Wind.—Prevailing directions, south and southwest. — E. B. Olney, Observer, Weather Bureau, Olympia, director.

WEST VIRGINIA.
Temperature.—Maximum, 80, at Morgantown, 8th; minimum, 8, at Pleasant Hill, 19th; greatest monthly range, 68, at Morgantown; least monthly range, 46, at Alderson.

Precipitation.—Greatest monthly, 4.35, at Glenville; least monthly, 1.11,

at Kingwood.

Wind. - Prevailing direction, west. - W. W. Dent, Observer, Weather Bureau, Parkersburgh, director.

# WISCONSIN.

Temperature.—Maximum, 68, at Kenosha, 23d; minimum, -22, at Osceola Temperature — The mean was 3.7 below the normal; maximum, 82, at Mills, 29th; greatest monthly range, 80, at Osceola Mills; least monthly orest City, 5th; minimum, —34, at Castlewood, 28th; greatest monthly range, 46, at Bayfield. Precipitation.—Greatest monthly, 4.51, at Kenosha; least monthly, 0.41,

at Medford.

Wind .- Prevailing direction, northwest .- W. L. Moore, Observer, Weather Bureau, Milwaukee, director.

WYOMING.

Temperature.—Maximum, 80, at Casper, 1st, at Lander, 3d, and at Wheatland, 5th; minimum, -24, at Sheridan, 16th; greatest monthly range, 94, at Lander (voluntary observer).

Precipitation. - Greatest monthly, 1.16, at Sundance; least monthly, 0.05,

at Fort Fetterman.

Wind .- Prevailing direction, west .- E. M. Ravenscraft, Observer, Weather Bureau, Cheyenne, director.

# METEOROLOGICAL TABLES.

Meteorological record of Army post surgeons, voluntary, and other co-operating observers, November, 1891.

Stations.	Temperature. (Fahrenheit.)			o, te.		Ter (Fa	'n.		
	Mag	Min.	Mean.	Precip'a	Stations.	Max.	Min.	Mean	Precip'n
Alabama.				Ins.	Alabama—Cont'd.	0		0	Ins.
Bermuda *†	. 81	24	54.0	3.25	Florence (2)	88	17	51.4	5.75
Bessemer		20	52.5	6.91	Fort Deposit †	82	22	54-4	4-28
Brewton †		23	62.6	9.30	Gadsden † Greensborough	80	24	FC. 7	4-01 5-17
Chepultepec		28	52.5	3.00	Livingston (1) †		21	55· I 51·4	5.48
Childersburgh†				3.07	Lynn T		[ <del></del> .		7.35
Citronelle 1	. 81	26	58.2	5.48	Maysville†	71	20	51.7	5.45
Cordova†			1	6.23	Mount Willing †	82	23	56.5	5.03
Daphne		26	61.7	4.50	Mt. Vernon B'ks Opelika†		24 16	57.1	6.55
Decatur (1) † Decatur (2) †	75	14	48.6	7.23 6.65	Orrville†	82	22	53.0	3.38
Double Springs 1	86	18	50.8	5.18	Oxanna†	75	20	50.3	2.48
Eufaula (2)		23	53.4	4.07	Pine Applet	78	39	60.0	3-52
Evergreenf	79	24	56-3	6.12	Pushmatana†	80	24	54.7	3.76
Florence (1) t		· · · · · ·		5.98	Scottsborough	74	16	48.3	

Meteorological record of voluntary observers, &c.—Continued.

Stations.	Temperature. (Fahrenheit.)			i d		Temperature. (Fahrenheit.)			ä
	Max.	Min.	Mean	Precip'n.	Stations.	Max.	Min.	Mean	Precip'n
Alabama-Cont'd.	•	0	0	lns.	_Arizona—Cont'd.	0	0		Ins.
Sturdevantt Talladegat		<b></b> .	1	2.74	Bisbee Buckeye†	8 <b>o</b>	34	55.7	0.00
Tallassee Falls t				2.15	Calabasas *1	76	36	56.8	0.00
Tuscaloosa † Tuscumbia (1)†	75	19	48.4	5.69	Casa Grande * Crittenden	91	32	63.3	0.00
Union Springs †	80	20	52.1	2.71	Dos Cabezos †				T.
Uniontown		23 13	53·3 46·1	8.28 4.70	Dragoon Summit* . Dudleyville		39 29	56.8 61.4	0.00
Wiggins	76	23		4.53	Eagle Pass*		,		0.00
Alaska. Juneau†	48	15	33.2	10.44	Florence	93 76	30 10	59.6 46.6	0.00
Killisnoo	47	15 18	32.0	3.24	Fort Bowie	80	33	56-4	0.00
Metlakahtla	51	26	41.8	14.30	Fort Grant Fort Huachuca	81 80	31 23	57·4 52·8	0.00 T.
Ariz. Can. Co. Dam.		35	62.2	0.00	Fort Mohavet	95	33 48	61.3	0.00
Benson*	70	34	52.5	0.00	Gila Bend (1) #t	84	48	63.5	0.00